

Date: Fri, 15 Jan 93 20:06:38 PST
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: Bulk
Subject: Info-Hams Digest V93 #67
To: Info-Hams

Info-Hams Digest Fri, 15 Jan 93 Volume 93 : Issue 67

Today's Topics:

 [WANTED] Opinion
 Announcing GNU Ecc 1.2 Release
 AO-10 & AO-13 questions
 FT-530 Intermod and audio seperation issues
 KENWOOD TH-78 (2 msgs)
 ORBS\$016.2liners
 radio wave jamming or scrambling...
 Recip. operating with Honduras?
 Two-Line Orbital Element Set: Space Shuttle
 USCG cw changes
 What's a Neper?
 What Amateur Radio books should a library have? (3 msgs)

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: Fri, 15 Jan 1993 13:49:41 GMT
From: newsflash.concordia.ca!mizar.cc.umanitoba.ca!bison!draco!drose@uunet.uu.net
Subject: [WANTED] Opinion
To: info-hams@ucsd.edu

I am interested in picking up my first hand held tranceiver. I've checked
out the Icoms, Yaesu's, and Kenwoods, and from my first sort of run
through I think that the Kenwood TH-78A looks like a nice radio. What
I would like to hear is opinions on this radio, as well as any comments
about it that you can give...performance etc.

Thanks in advance.

Date: Sat, 16 Jan 1993 01:41:42 GMT
From: agate!stanford.edu!CSD-NewsHost.Stanford.EDU!umunhum!paulf@ames.arpa
Subject: Announcing GNU Ecc 1.2 Release
To: info-hams@ucsd.edu

This is to announce the first major release of Ecc 1.2, the GNU error correcting coder. Ecc implements the (255,249,7) Reed - Solomon code, using a LFSR encoder and Peterson decoder. This code is capable of correcting three (or fewer) byte errors in a block of 255 bytes. Beta testing was performed in late 1992. Uses for Ecc include protecting magnetic tape archives, and improved data transmission across noisy channels.

Bug reports should be sent to bug-ecc@w6yx.stanford.edu.

Ecc Release 1.2 is available via anonymous ftp from any GNU mirror site, as well as from w6yx.stanford.edu.

Enjoy!

--
-=Paul Flaherty, N9FZX | "My boy, we are pilgrims in an unholy land."
->paulf@Stanford.EDU | -- Dr. Henry Jones Sr.

Date: Fri, 15 Jan 1993 19:42:03 GMT
From: deccrl!news.crl.dec.com!dbased.nuo.dec.com!nntpd.lkg.dec.com!
nntpd2.cxo.dec.com!nuts2u.enet.dec.com!little@decwrl.dec.com
Subject: A0-10 & A0-13 questions
To: info-hams@ucsd.edu

Does someone happen to know the Bahn latitude and longitude for A0-10? I know it is no longer under attitude control, but I was hoping someone had been able to determine roughly its attitude based upon signal strength or other means.

Also, what is A0-13's current attitude? I can't copy the beacon well enough to get it from there. Speaking of which, is there some secret to copying the RTTY bulletins? I can't get my MFJ-1278 to copy anything from A0-13.

73,
Todd

N9MWB

Date: 15 Jan 93 19:22:05 GMT
From: olivea!apple!goofy!nuntius@uunet.uu.net
Subject: FT-530 Intermod and audio seperation issues
To: info-hams@ucsd.edu

I've seen the other posts here with regards to the FT-530 intermod problems. It is real bad on mine too. I had an oportunity to test it next to my Alinco DJ-580 and the FT-530 is quite a bit worse when it comes to intermod. In fact, I heard intermod for the first time on VHF on this FT-530 (Never head intermod on the Alinco on VHF). I understand that all HT's will get intermod... it's just that this is a bit extreme.

I talked to Yaesu today, and they are aware of the issue... "and are feeding back all of this information to Tokyo". I think it will be a while before a fix is figured out.

The only other problem I have with this thing is the seperation between audio channel. For example:

Find an active station.

Tune to the a quiet freq. and put out a test call. Notice that with the volume ALL THE WAY down on the other active band, that you can STILL hear some of the AUDIO while you are transmitting on the other band. Of course, this is heard when you are transmitting and will lead to questioning from your fellow hams about what is on top of your signal.

I thought... well I can beat this! So I plugged in the speaker mic and programmed the unit to send all 2 mtr audio to the skr mic and the 70cm audio to the internal speaker. NOPE. The other bands audio STILL spills over slightly in the other.

The only way you can transmit on one band without the audio of the other effecting it is to turn OFF the other band.

This is not acceptable as I'd like to be able to turn down the volume on the other band and continue to transmit.

Can someone verify for me that their unit does this too? I think it is all of them but the Yaesu tech had not heard of this one. Please let me know.

Thanks

Will

Date: Fri, 15 Jan 1993 22:41:44 GMT
From: cs.ubc.ca!fornax!ballanty@beaver.cs.washington.edu
Subject: KENWOOD TH-78
To: info-hams@ucsd.edu

I'm just getting into radio and am looking for a first HT.

I think that I want a dual band radio and I from the nice colour glossy sales sheets I seem to like the TH-78 the best. I've also looked at a IC-W2 but it seems to me that the 78 is the better radio. I've looked to see if I can find any options in the standard FAQ's but no one has offered any yet. So I ask explicitly: Please let me know your opinion of the TH-78. Should I be looking for a different radio for my first? Do you think there are any other models that I should consider?

Thanks for any advice you can give me.

Rob

PS: Anything else you would like to mention, besides direct answers to the above questions would be appreciated as well.

--

Rob Ballantyne	
email: ballanty@cs.sfu.ca	
Simon Fraser University, Department of	

Date: Sat, 16 Jan 1993 02:46:29 GMT
From: usc!cs.utexas.edu!convex!news.utdallas.edu!feenix.metronet.com!
marcbg@network.UCSD.EDU
Subject: KENWOOD TH-78
To: info-hams@ucsd.edu

In article <1993Jan15.224144.11609@cs.sfu.ca> ballanty@cs.sfu.ca (Rob Ballantyne) writes:

> I'm just getting into radio and am looking for a first HT.
>
> I think that I want a dual band radio and I from the nice colour glossy
> sales sheets I seem to like the TH-78 the best. I've also looked at a
> IC-W2 but it seems to me that the 78 is the better radio. I've looked to

>see if I can find any options in the standard FAQ's but no one has offered
>any yet. So I ask explicitly: Please let me know your opinion of the TH-78.
>Should I be looking for a different radio for my first? Do you think there
>are any other models that I should consider?

>

> Thanks for any advice you can give me.

>

>Rob

>

>PS: Anything else you would like to mention, besides direct answers to
> the above questions would be appreciated as well.

>

>

>--

>-----
>| Rob Ballantyne | |
>| email: ballanty@cs.sfu.ca | |
>| Simon Fraser University, Department of | -----0----- |

Date: 15 Jan 93 17:43:11 GMT
From: news-mail-gateway@ucsd.edu
Subject: ORBS\$016.2liners
To: info-hams@ucsd.edu

SB KEPS @ AMSAT \$ORBS-016.N
2Line Orbital Elements 016.AMSAT

HR AMSAT ORBITAL ELEMENTS FOR AMATEUR SATELLITES IN NASA FORMAT
FROM N3FKV HEWITT, TX January 16, 1993 BID:\$ORBS-016.N

DECODE 2-LINE ELSETS WITH THE FOLLOWING KEY:
1 AAAAAU 00 0 0 BBBBBB.BBBBBBBB .CCCCCCCC 00000-0 00000-0 0 DDDZ
2 AAAAA EEE.EEEE FFF.FFFF GGGGGGG HHH.HHHH III.IIII JJ.JJJJJJJKKKKKZ
KEY: A-CATALOGNUM B-EPOCHTIME C-DECAY D-ELSETNUM E-INCLINATION F-RAAN
G-ECCENTRICITY H-ARGPERIGEE I-MNANOM J-MNMOTION K-ORBITNUM Z-CHECKSUM

TO ALL RADIO AMATEURS BT

A0-10

1 14129U 83 58 B 93012.23943283 .00000013 00000-0 99998-4 0 9587
2 14129 27.0159 45.9649 6022308 47.8186 348.5618 2.05862660 72059

U0-11

1 14781U 84 21 B 93010.05951876 .000000546 00000-0 10133-3 0 3945
2 14781 97.8272 43.3393 0012498 137.1038 223.1145 14.68819856473503

RS-10/11

1 18129U 87 54 A 93014.89792767 .000000097 00000-0 99999-4 0 5257

2 18129 82.9249 351.9095 0012910 28.4435 331.7405 13.72305948278820
 AO-13
 1 19216U 88 51 B 93014.94698452 -.00000288 00000-0 99999-4 0 5540
 2 19216 57.3041 338.5118 7269168 306.0840 6.6392 2.09727659 35146
 FO-20
 1 20480U 90 13 C 93007.71700293 .00000008 00000-0 47509-4 0 4357
 2 20480 99.0620 254.1158 0541753 90.0675 276.2479 12.83215823136732
 AO-21
 1 21087U 91 6 A 93014.88991099 .00000101 00000-0 99999-4 0 6734
 2 21087 82.9420 166.2636 0036677 88.1945 272.3390 13.74506792 98387
 RS-12/13
 1 21089U 91 7 A 93011.55744800 .00000039 00000-0 34790-4 0 3908
 2 21089 82.9220 38.2731 0030134 118.2489 242.1744 13.74011781 97017
 UO-14
 1 20437U 90 5 B 93013.76313231 .00000175 00000-0 75995-4 0 7105
 2 20437 98.6279 99.6994 0010655 278.1608 81.8365 14.29725373155368
 AO-16
 1 20439U 90 5 D 93009.22097350 .00000184 00000-0 79352-4 0 5406
 2 20439 98.6324 95.9456 0010952 296.4053 63.6002 14.29784817154723
 DO-17
 1 20440U 90 5 E 93008.24569002 .00000213 00000-0 90591-4 0 5420
 2 20440 98.6313 95.1450 0010742 297.8523 62.1570 14.29916488154593
 WO-18
 1 20441U 90 5 F 93007.72335012 .00000189 00000-0 81280-4 0 5444
 2 20441 98.6313 94.6629 0011401 299.8194 60.1852 14.29901095154527
 LO-19
 1 20442U 90 5 G 93009.69432178 .00000188 00000-0 80867-4 0 5410
 2 20442 98.6331 96.7651 0012074 294.3629 65.6292 14.29988541154817
 UO-22
 1 21575U 91 50 B 93012.25340306 .00000224 00000-0 82809-4 0 2401
 2 21575 98.4893 90.7722 0008578 44.9164 315.2714 14.36763697 78275
 KO-23
 1 22077U 92 52 B 93006.08586143 -.00000000 00000-0 99999-4 0 866
 2 22077 66.0809 303.5860 0013347 229.3565 130.6278 12.86275910 18999
 NOAA-9
 1 15427U 84123 A 93014.61485203 .00000155 00000-0 92773-4 0 2719
 2 15427 99.1211 52.0005 0014244 240.6373 119.3362 14.13475219417088
 NOAA-10
 1 16969U 86 73 A 93014.41503232 .00000172 00000-0 81901-4 0 1201
 2 16969 98.5235 33.9351 0014190 46.7050 313.5313 14.24753789328738
 MET-2/17
 1 18820U 88 5 A 93009.86821391 .00000070 00000-0 57270-4 0 8484
 2 18820 82.5419 324.8408 0015168 210.4863 149.5414 13.84667961249930
 MET-3/2
 1 19336U 88 64 A 93013.35960213 .00000069 00000-0 16195-3 0 152
 2 19336 82.5447 331.5112 0017338 118.4300 241.8572 13.16955686214836
 NOAA-11
 1 19531U 88 89 A 93014.42330779 .00000170 00000-0 11238-3 0 250

2 19531 99.1120 347.3395 0012060 147.8053 212.3850 14.12809874221969
 MET-2/18
 1 19851U 89 18 A 93011.52641567 .000000065 00000-0 52312-4 0 7929
 2 19851 82.5195 199.8019 0013411 251.5302 108.4399 13.84316424195512
 MET-3/3
 1 20305U 89 86 A 93003.82121235 .000000043 00000-0 99999-4 0 6904
 2 20305 82.5506 280.8237 0014451 162.9419 197.2190 13.16007713153484
 MET-2/19
 1 20670U 90 57 A 93009.16044352 .000000116 00000-0 98583-4 0 5410
 2 20670 82.5452 264.6853 0015036 175.5150 184.6148 13.84156847128129
 FY-1/2
 1 20788U 90 81 A 93014.81681647 .000001708 00000-0 11560-2 0 5000
 2 20788 98.8788 45.4778 0014956 19.3372 340.8339 14.01279856121108
 MET-2/20
 1 20826U 90 86 A 93011.53490329 .000000069 00000-0 56814-4 0 5427
 2 20826 82.5248 201.0042 0014360 69.2765 290.9929 13.83529972115621
 MET-3/4
 1 21232U 91 30 A 93010.99276195 .000000044 00000-0 99999-4 0 3445
 2 21232 82.5434 178.8808 0018695 62.6945 297.6078 13.16815399 82633
 NOAA-12
 1 21263U 91 32 A 93014.44857438 .000000238 00000-0 12391-3 0 4772
 2 21263 98.6745 47.1784 0012393 302.6930 57.3050 14.22184295 86795
 MET-3/5
 1 21655U 91 56 A 93001.42241666 .000000043 00000-0 99999-4 0 3916
 2 21655 82.5543 132.2972 0014536 85.7663 274.5119 13.16813190 66473
 MIR
 1 16609U 86 17 A 93014.62596830 .00015009 00000-0 20314-3 0 8199
 2 16609 51.6215 270.4954 0001247 236.8840 123.2101 15.57933932395183
 HUBBLE
 1 20580U 90 37 B 93014.35225020 .000002108 00000-0 18737-3 0 104
 2 20580 28.4706 335.3483 0004595 228.3169 131.7062 14.92240369148516
 GRO
 1 21225U 91 27 B 93014.92145381 .00029658 00000-0 26644-3 0 7882
 2 21225 28.4622 330.0412 0004856 181.9956 178.0643 15.66729946101122
 SARA
 1 21578U 91 50 E 93012.75892105 .000000879 00000-0 30368-3 0 3980
 2 21578 98.4930 92.0097 0005632 55.9525 304.2195 14.38178459 78382
 UARS
 1 21701U 91 63 B 92347.46089448 .000002879 00000-0 27138-3 0 2339
 2 21701 56.9859 209.9343 0004469 101.6617 258.4927 14.96649416 68348
 FREJA
 1 22161U 92 64 A 92365.58631514 .000000284 00000-0 18456-3 0 971
 2 22161 63.0059 201.9500 0769497 267.8411 83.4390 13.21543263 11273
 STS-54
 1 22313U 93 3 A 93014.70340915 0.00043975 00000-0 14329-3 0 61
 2 22313 28.4705 146.5180 0005262 252.4209 107.5827 15.89129301 192
 /EX

Date: 15 Jan 93 14:02:06 GMT
From: decctrl!news.crl.dec.com!dbased.nuo.dec.com!e2big.mko.dec.com!swings!
johnson@decwrl.dec.com
Subject: radio wave jamming or scrambling...
To: info-hams@ucsd.edu

In article <1993Jan14.203646.1852@IRO.UMontreal.CA>, quennevi@IRO.UMontreal.CA
(Pokey Bangs) writes:

|>Path: e2big.mko.dec.com!nntpd.lkg.dec.com!news.crl.dec.com!decctrl!caen!
saimiri.primate.wisc.edu!ames!olivea!charnel!sifon!CC.UMontreal.CA!

IRO.UMontreal.CA!kovic.IRO.UMontreal.CA!quennevi

|>From: quennevi@IRO.UMontreal.CA (Pokey Bangs)

|>Newsgroups: rec.radio.amateur.misc

|>Subject: radio wave jamming or scrambling...

|>Message-ID: <1993Jan14.203646.1852@IRO.UMontreal.CA>

|>Date: Thu, 14 Jan 93 15:36:46 EST

|>Sender: news@IRO.UMontreal.CA

|>Distribution: na

|>Organization: Universite de Montreal

|>Lines: 14

|>

|>Hi,

|> my neighbors are driving me nuts with their radio

|>(conventionnal am/fm radio) and i'd like to jam

|>their radio so that they cant hear anything or

|>just some white noise... is there a method to

|>jam fm/am radio waves?????

|>

|> help!

|>

|>--

|>=====

|> "J'ai le vertige quand je vois de petits enfants, non

|> pas parcequ'ils me donnent de fortes emotions, mais

|> bien parceque je suis tres grande."

|>

Ayup, go over and talk to them. Preferably in a civil tone that does not
presuppose they are at fault. If you start an electronic war (How do
you effectively jam a 200watt stereo with multi speakers aimed at your
house?) you will most likely lose.

Dj

Date: Fri, 15 Jan 93 18:58:42 MST
From: news.mtholyoke.edu!news.byu.edu!news@uunet.uu.net
Subject: Recip. operating with Honduras?
To: info-hams@ucsd.edu

A friend of mine has an amateur license from Honduras and wants to operate in the U.S. Does the U.S. have a reciprocal operating agreement with Honduras? And if so, would someone be able to send me a copy of the 610-A form to apply for a reciprocal license?

--
Ed Haymore
ed@byu.edu

Date: Sat, 16 Jan 1993 01:32:05 GMT
From: usc!cs.utexas.edu!uwm.edu!linac!pacific.mps.ohio-state.edu!cis.ohio-state.edu!udecc.engr.udayton.edu!blackbird.afit.af.mil!tkelso@network.UCSD.EDU
Subject: Two-Line Orbital Element Set: Space Shuttle
To: info-hams@ucsd.edu

The most current orbital elements from the NORAD two-line element sets are carried on the Celestial BBS, (513) 427-0674, and are updated daily (when possible). Documentation and tracking software are also available on this system. As a service to the satellite user community, the most current elements for the current shuttle mission are provided below. The Celestial BBS may be accessed 24 hours/day at 300, 1200, 2400, 4800, or 9600 bps using 8 data bits, 1 stop bit, no parity.

Element sets (also updated daily), shuttle elements, and some documentation and software are also available via anonymous ftp from archive.afit.af.mil (129.92.1.66) in the directory pub/space.

STS 54
1 22313U 93 3 A 93 15.24999999 .00062469 00000-0 20323-3 0 85
2 22313 28.4706 142.4328 0006379 259.0803 354.5278 15.89176066 267

--
Dr TS Kelso Assistant Professor of Space Operations
tkelso@afit.af.mil Air Force Institute of Technology

Date: Fri, 15 Jan 1993 21:08:41 GMT
From: sdd.hp.com!ncr-sd!SanDiego.NCR.COM!raider!guyc@network.UCSD.EDU
Subject: USCG cw changes
To: info-hams@ucsd.edu

Date: 16 Jan 93 01:01:15 GMT
From: biosci!uwm.edu!rpi!newsserver.pixel.kodak.com!kodak!ornitz@ames.arpa
Subject: What's a Neper?
To: info-hams@ucsd.edu

In article <9301151521.AA01233@yahtzee.cit.cornell.edu>
kfeeney@KLONDIKE.CIT.CORNELL.EDU writes:
>One of the crew on the morning repeater came up with this the other day and
>we can't find a reference for it. He says a Neper = 8.686 db, but we don't
>know why a specific term was given to that ratio, or what industry uses it.

The neper is the "natural" unit to express attenuation since it is based on natural logs (base e rather than base 10).

The conversion number 8.686 comes from the fact that:

$$\text{neper} * 20 \log_{10}(e) = \text{decibel}$$

I hope this answers the question.

73, Barry WA4VZ0

	---	-----		Dr. Barry L. Ornitz	WA4VZQ
		/ /		Eastman Chemical Company	
		/ /		ECC Research Laboratories, Engineering Research Div.	
		< < K O D A K		Process Instrumentation Research Laboratory	
		\ \		P. O. Box 1972, Building 167B	
		--\ \		Kingsport, TN 37662 (615/229-4904, FAX 615/229-4558)	
		-----		INTERNET: ornitz@kodak.com	

Date: 15 Jan 93 20:59:01 GMT
From: decctl!news.crl.dec.com!dbased.nuo.dec.com!nntpd.lkg.dec.com!
nntpd2.cxo.dec.com!nuts2u.enet.dec.com!little@decwrl.dec.com
Subject: What Amateur Radio books should a library have?
To: info-hams@ucsd.edu

Our local public library has apparently received special funding to expand its holdings of books in the 621.???? area (technology area including amateur radio.) I'd like to present them with a list of books that should be contained in any reasonably well stocked library. In the past they have tended towards the TAB books which in my opinion

are OK but are a bit light. Sort of like the Physics course at the University of Illinois that was dubbed Physics for Poets. :-) They have indicated they want books with more general appeal than something that covers esoteric topics, so books covering spark gap transmitters in gory detail are probably out.

So with that in mind, I'd love to solicit your suggestions for amateur radio related books that a library should have in its holdings.

73 es tnx,
Todd
N9MWB

PS If the ARRL has a recommended list or could send me something that I could hand to the library, that might help persuade them to purchase certain items.

Date: Sat, 16 Jan 93 02:22:49 GMT
From: walter!porthos!dancer!whs70@uunet.uu.net
Subject: What Amateur Radio books should a library have?
To: info-hams@ucsd.edu

In article <1993Jan15.195852.18698@nntpd2.cxo.dec.com> little@nuts2u.enet.dec.com (nuts2u::little) writes:

>
> Our local public library has apparently received special funding to
> expand its holdings of books in the 621.???? area (technology area
> including amateur radio.) I'd like to present them with a list of
> books that should be contained in any reasonably well stocked library.
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> University of Illinois that was dubbed Physics for Poets. :-) They
> have indicated they want books with more general appeal than something
> that covers esoteric topics, so books covering spark gap transmitters
> in gory detail are probably out.
>
> So with that in mind, I'd love to solicit your suggestions for amateur
> radio related books that a library should have in its holdings.

I'd suggest a copy of the latest ARRL handbook and the "Tune in the World" intro books to the Novice & no-code tech license. You also might check (if the library has a video-tape collection) to see if they'd add an ARRL video tape about ham radio.

Just my suggestions.

Bill Sohl (K2UNK) BELLCORE (Bell Communications Research, Inc.)
Morristown, NJ email via UUCP bcr!cc!whs70
201-829-2879 Weekdays email via Internet whs70@cc.bellcore.com

Date: Sat, 16 Jan 1993 02:52:00 GMT
From: usc!cs.utexas.edu!convex!news.utdallas.edu!feenix.metronet.com!
marcbg@network.UCSD.EDU
Subject: What Amateur Radio books should a library have?
To: info-hams@ucsd.edu

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(nuts2u::little) writes:

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> are OK but are a bit light. Sort of like the Physics course at the
> University of Illinois that was dubbed Physics for Poets. :-) They
> have indicated they want books with more general appeal than something
> that covers esoteric topics, so books covering spark gap transmitters
> in gory detail are probably out.
>
> So with that in mind, I'd love to solicit your suggestions for amateur
> radio related books that a library should have in its holdings.
>
> 73 es tnx,
> Todd
> N9MWB
>
>
> PS If the ARRL has a recommended list or could send me something that
> I could hand to the library, that might help persuade them to
> purchase certain items.

Date: Sat, 16 Jan 93 01:36:19 GMT
From: usc!elroy.jpl.nasa.gov!orchard.la.locus.com!prodnet.la.locus.com!
lando.la.locus.com!dana@network.UCSD.EDU
To: info-hams@ucsd.edu

References <1is80mINNb0r@clover.csv.warwick.ac.uk>,
<1993Jan12.095904.7329@walter.cray.com>, <1993Jan13.083829.11022@ke4zv.uucp>

Subject : Re: intermod, overload, desense?

In article <1993Jan13.083829.11022@ke4zv.uucp> gary@ke4zv.UUCP (Gary Coffman) writes:

>

>Note that the open coax end represents a voltage maximum. If the coax
>is shorted at the end, it becomes a voltage minimum thus reversing the
>sense of the reflected wave. The signals then *add* at the Tee rather
>than subtract. The addition can only give 3db "gain", however, so it's
>not very useful. A shorted 1/2 wave line behaves like an open 1/4 wave
>line, and vice versa.

I would think that a shorted 1/2 wave line is not exactly the same as
a open 1/4 wave line. The 1/2 wave line is twice as long and would have
twice as much loss, resulting in a proportionately lower value of Q.
Otherwise, it is essentially the same as the 1/4 wave line. No?

--

* Dana H. Myers KK6JQ | Views expressed here are *
* (310) 337-5136 | mine and do not necessarily *
* dana@locus.com DoD #466 | reflect those of my employer
*
* "Dammit Bones, spare me the lecture and give me the shot!" *

Date: 15 Jan 93 22:58:36 GMT
From: newsstand.cit.cornell.edu!piccolo.cit.cornell.edu!crux3!ljh1@uunet.uu.net
To: info-hams@ucsd.edu

References <PHR.93Jan12184633@napa.telebit.com>,
<1j0ndqINN6p8@clover.csv.warwick.ac.uk>, <N4HY.93Jan13123853@growler.UUCP>
Reply-To : Leif-Harcke@cornell.edu
Subject : Re: Anybody want to talk about Clover?

n4hy@growler.UUCP (Bob McGwier) writes:
>What Ray does that Telebit does NOT do, is FEC.

What is this? -----|
^

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End of Info-Hams Digest V93 #67
